

TOTAL WEIGHT Kg 1009871

NOTES:



1st COURSE BENDING RADIUS = $R_i \times 1 = 44250$

2ND TO 6TH COURSE BENDING RADIUS = $R_i \times 1.125 = 49781$

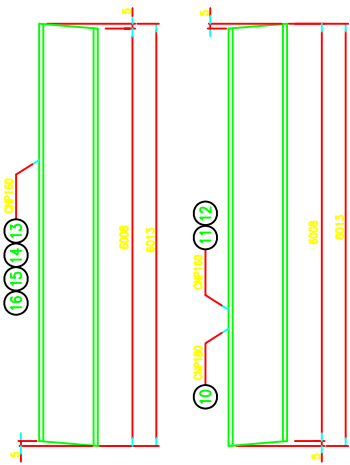


ITEM	QTY	DESCRIPTION	MATERIAL	UNIT	WEIGHT	NOTE
01	46	PLATE	THK. 7	6000x1070	3.24	16726
02	1	PLATE	THK. 5	2400x1400	1.74	17274
03	1	PLATE	THK. 5	2000x2400	1.74	15053
04	1	PLATE	THK. 5	6000x3600	1.74	51024
05	1	PLATE	THK. 5	2513x653	0.18	31763
06	1	PLATE	THK. 5	6725x700	0.18	28222
07	1	PLATE	THK. 5	6000x1000	0.18	1747
08	1	PLATE	THK. 5	11457x1010	0.18	4623
09	37	PLATE	THK. 5	6026x605	0.18	2154
10	111	CHP 100	L= 6013	48.27	111	12208.2
11	128	CHP 100	L= 6013	48.27	128	113
12	108	CHP 100	L= 6013	48.27	108	113
13	85	CHP 100	L= 6013	48.27	85	113
14	85	CHP 100	L= 6013	48.27	85	113
15	48	CHP 100	L= 6013	48.27	48	113
16	28	CHP 100	L= 6013	48.27	28	113
17	579	PLATE	THK. 8	200x150	0.18	1054.3
20	37	PLATE	THK. 25	200x180	0.18	2653.3
21	46	PLATE	THK. 5	900x50	0.18	2

TOTAL WEIGHT Ka 127390

NOTES:

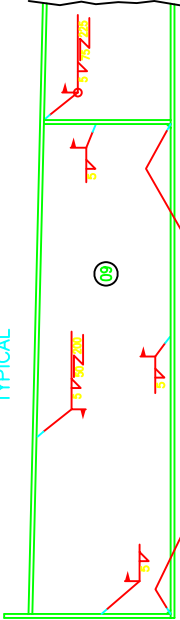
- 1) FOR OBSERVATION ROOF SUPPORTS SEE DWG. N° 2005-110-002
- 2) FOR GENERAL ASSEMBLY SEE DWG. N° 2005-110-001
- 3) ALL WELDS INDICATED WITH  ARE ON SITE WELDS.



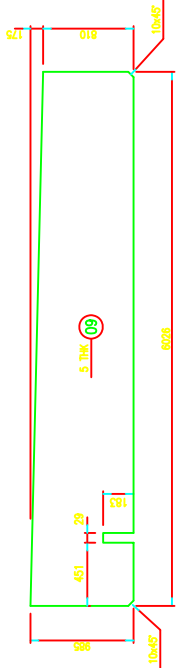
BULKHEADS WELDS - DETAIL

TYPICAL

CHAMFER SHALL BE CLOSED WITH WELD AFTER CIRCUMFERENTIAL WELDS EXECUTED.



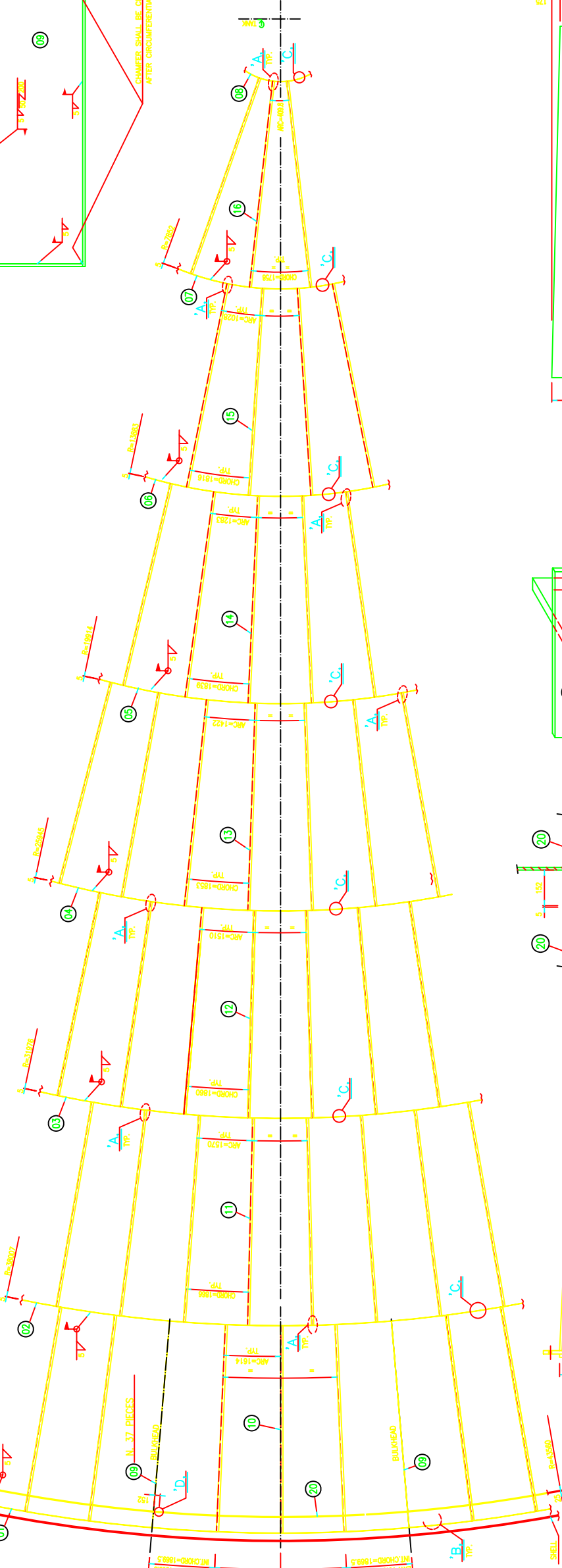
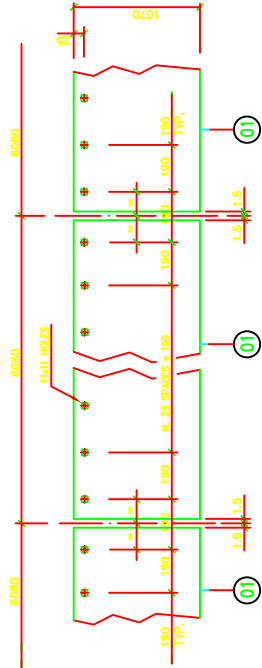
BULKHEADS CUT - DETAIL



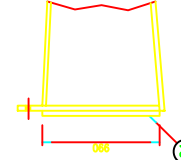
PLATES DEVELOPMENT - EXTERNAL COURSE

N.46 PIECES

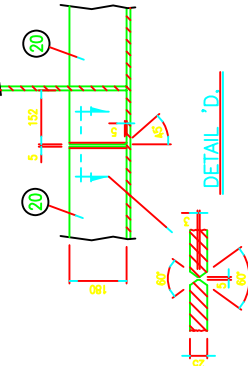
(N°45 AS SHOWN + N°1 TO BE PERFORMED ON SITE)



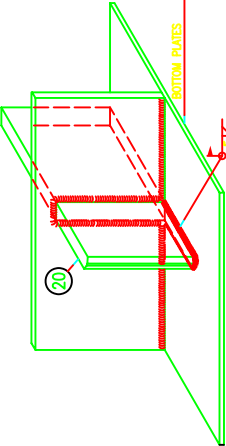
DETAIL 'B.'



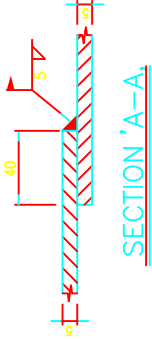
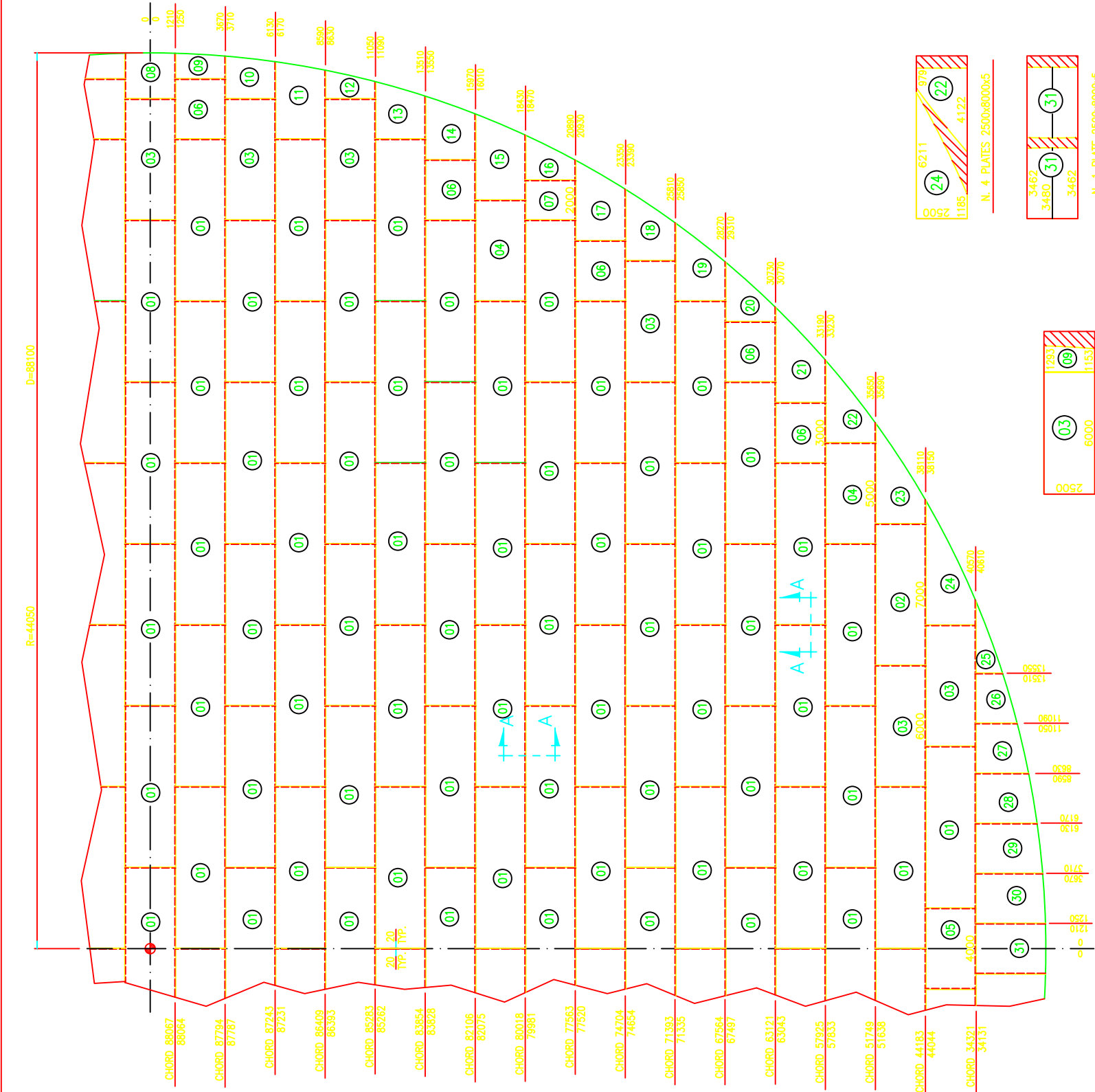
DETAIL 'C.'



DETAIL 'D.'



21 PLATE 5 THK 600x50



ITEM	QUANTITY	DESCRIPTION	MATERIAL	UNITARY WEIGHT	TOTAL WEIGHT	NOTE
01	247	PLATE Thk. 5.5 8000x2500	A 283 M G-380	880	217360	
02	4	PLATE Thk. 5.5 7000x2500	A 283 M G-380	770	3080	
03	22	PLATE Thk. 5.5 6000x2500	A 283 M G-380	660	14520	
04	8	PLATE Thk. 5.5 5000x2500	A 283 M G-380	550	4400	
05	2	PLATE Thk. 5.5 4000x2500	A 283 M G-380	440	880	
06	20	PLATE Thk. 5.5 3000x2500	A 283 M G-380	330	6600	
07	4	PLATE Thk. 5.5 2500x2000	A 283 M G-380	220	880	
08	2	PLATE Thk. 5.5 2500x2290	A 283 M G-380	251.2	502.5	
09	4	PLATE Thk. 5.5 2500x1293	A 283 M G-380	135.8	543.4	
10	4	PLATE Thk. 5.5 2500x2137	A 283 M G-380	220.8	883.5	
11	4	PLATE Thk. 5.5 3841x2500	A 283 M G-380	400.5	1602.1	
12	4	PLATE Thk. 5.5 2500x1444	A 283 M G-380	128.8	515.3	
13	4	PLATE Thk. 5.5 2862x2500	A 283 M G-380	276.2	1104.8	
14	4	PLATE Thk. 5.5 3167x2500	A 283 M G-380	300.9	1203.8	
15	4	PLATE Thk. 5.5 4275x2500	A 283 M G-380	413.3	1653.1	
16	4	PLATE Thk. 5.5 2500x2249	A 283 M G-380	180.5	722.1	
17	4	PLATE Thk. 5.5 4002x2500	A 283 M G-380	382.2	1448.9	
18	4	PLATE Thk. 5.5 3552x2500	A 283 M G-380	300.4	1201.6	
19	4	PLATE Thk. 5.5 3877x2500	A 283 M G-380	321.9	1287.9	
20	4	PLATE Thk. 5.5 2982x2500	A 283 M G-380	206.9	827.6	
21	4	PLATE Thk. 5.5 4741x2500	A 283 M G-380	380.0	1520.2	
22	4	PLATE Thk. 5.5 4122x2500	A 283 M G-380	286.0	1144.0	
23	4	PLATE Thk. 5.5 5014x2500	A 283 M G-380	347.8	1391.3	
24	4	PLATE Thk. 5.5 6211x2500	A 283 M G-380	421.5	1686.1	
25	4	PLATE Thk. 5.5 3850x1357	A 283 M G-380	113.9	455.8	
26	4	PLATE Thk. 5.5 2500x2072	A 283 M G-380	189.3	757.2	
27	4	PLATE Thk. 5.5 2834x2500	A 283 M G-380	259.7	1038.8	
28	4	PLATE Thk. 5.5 3051x2500	A 283 M G-380	313.6	1254.4	
29	4	PLATE Thk. 5.5 3327x2500	A 283 M G-380	351.8	1407.1	
30	4	PLATE Thk. 5.5 3463x2500	A 283 M G-380	374.5	1498.2	
31	2	PLATE Thk. 5.5 3480x2500	A 283 M G-380	382.2	764.8	

TOTAL WEIGHT Kg 274134

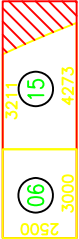
NOTES :

- 1) WHEN LYING THE TOP DECK, EVERYWHERE THE PLATES CROSS THE RAFTERS, A 3/16" DOWNHAND FILLET WELD ACROSS THE LENGTH OF THE RAFTER SHOULD BE MADE.
- 2) FOR GENERAL ASSEMBLY SEE DWG N° 2005-118-001.
- 3) ALL WELDS INDICATED WITH  ARE ON SITE WELDS.

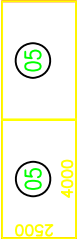
REQUIRED PLATES

EACH TANK

UPPER DECK PLATES (A 283 M G-380)
N°321 PLATES 2500x8000x5



N. 4 PLATES 2500x8000x5



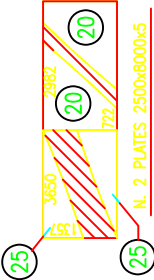
N. 1 PLATE 2500x8000x5



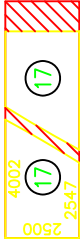
N. 4 PLATES 2500x8000x5



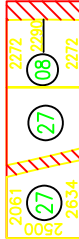
N. 4 PLATES 2500x8000x5



N. 2 PLATES 2500x8000x5



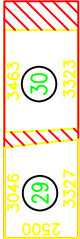
N. 2 PLATES 2500x8000x5



N. 2 PLATES 2500x8000x5



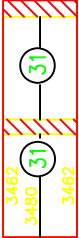
N. 4 PLATES 2500x8000x5



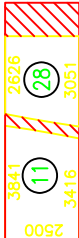
N. 4 PLATES 2500x8000x5



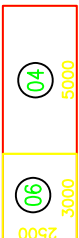
N. 4 PLATES 2500x8000x5



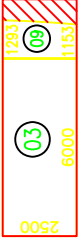
N. 1 PLATE 2500x8000x5



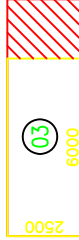
N. 4 PLATES 2500x8000x5



N. 8 PLATES 2500x8000x5



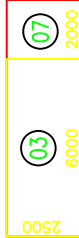
N. 4 PLATES 2500x8000x5



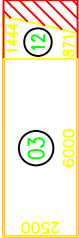
N. 10 PLATES 2500x8000x5



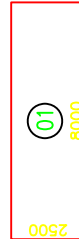
N. 4 PLATES 2500x8000x5



N. 4 PLATES 2500x8000x5



N. 4 PLATES 2500x8000x5



N. 247 PLATES 2500x8000x5



N. 4 PLATES 2500x8000x5

Technical drawing of a bridge structure, showing a plan view and a cross-section.

Plan View (Top):

- Structure: Bridge deck with a central water supply structure.
- Labels: "CIRC. HANDRAIL" (Concrete Handrail), "N.3 VERTICAL LADDERS" (Number 3 Vertical Ladders), "WATER SUPPLY", "HHL 17700" (High Level Limit 17700), "F.O." (Foot Over).
- Dimensions: "I.D. -68500" (Internal Diameter 68500), "O.D. 1524" (Outer Diameter 1524).

Cross-Section (Bottom):

- Structure: Bridge deck with a 1% slope, a water supply structure, and a concrete handrail.
- Labels: "EL. 1500" (Elevation 1500), "NAME PLATE", "SLOPE= 1%", "I.D. -68500" (Internal Diameter 68500), "O.D. 1524" (Outer Diameter 1524).

DESIGN DATA

SHELL NOZZLES LIST

APPURTENANCES LIST

FLOATING ROOF NOZZLES

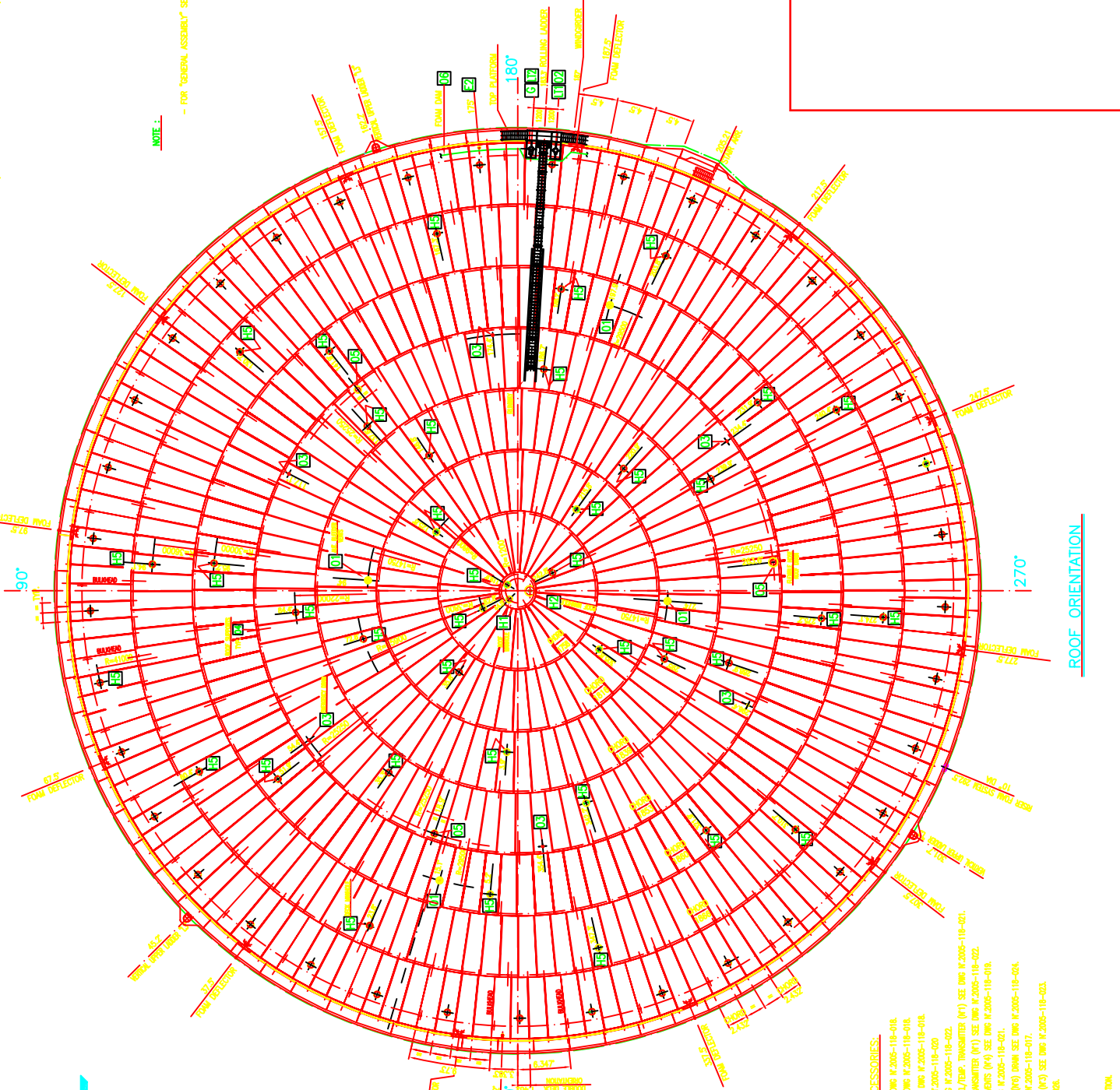
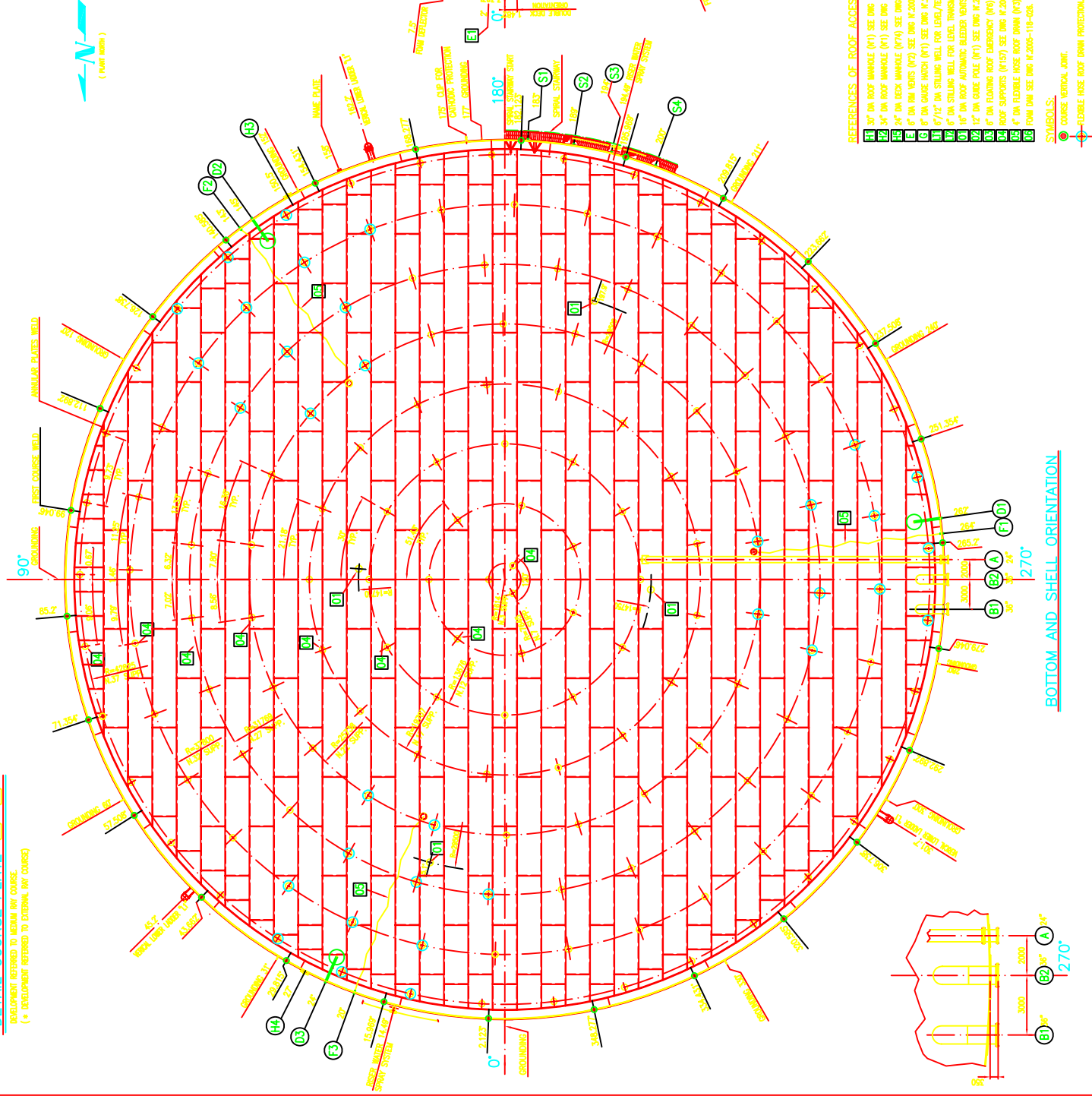
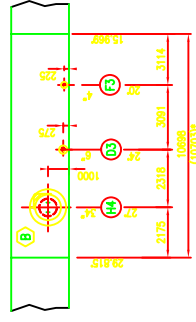
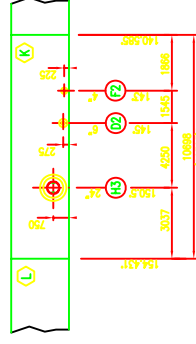
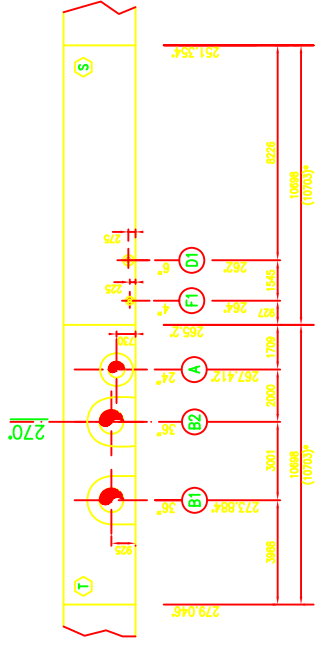
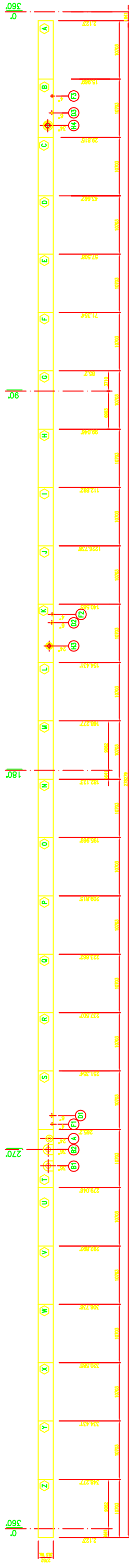
FLOATING ROOF ACCESSORIES

DRAWINGS LIST

SURFACE TREATMENT

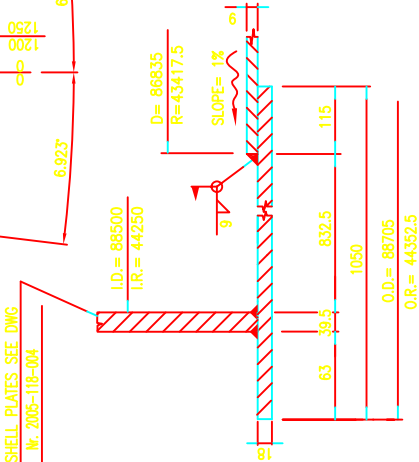
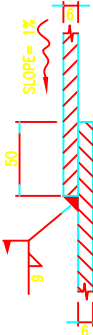
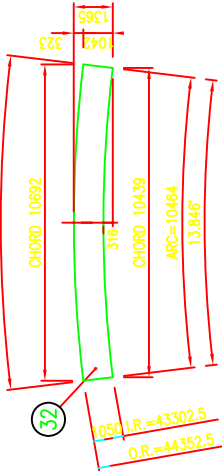
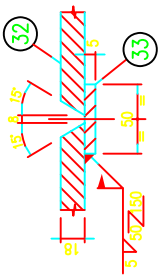
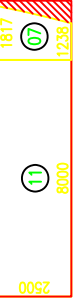
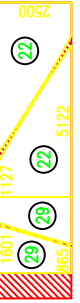
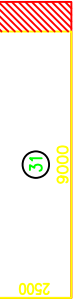
GENERAL NOTES

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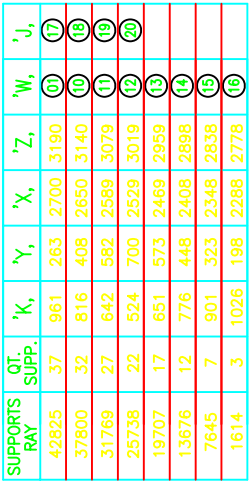




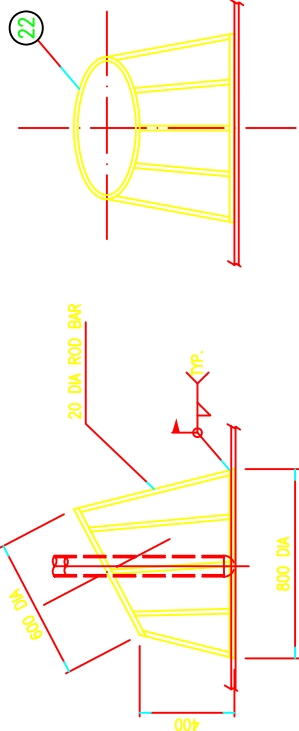
— FOR 'GENERAL ASSEMBLY' SEE DWG. N° 2005-118-001



SECTION 'B-B',



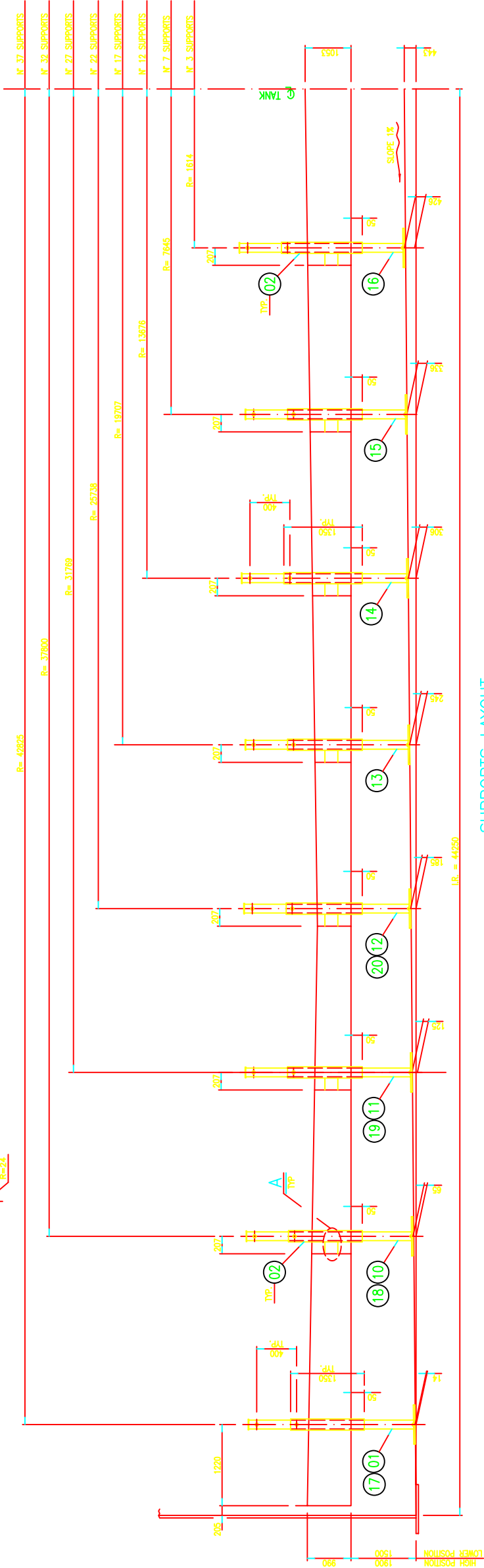
SUPPORTS RAY	Q1 SUPP.	'K.	'Y.	'X.	'Z.	'W.	'J.
42825	37	961	263	2700	3190	60	17
37800	32	816	408	2650	3140	10	18
31769	27	642	582	2589	3079	11	19
25738	22	524	700	2529	3019	12	20
19707	17	651	573	2469	2959	13	
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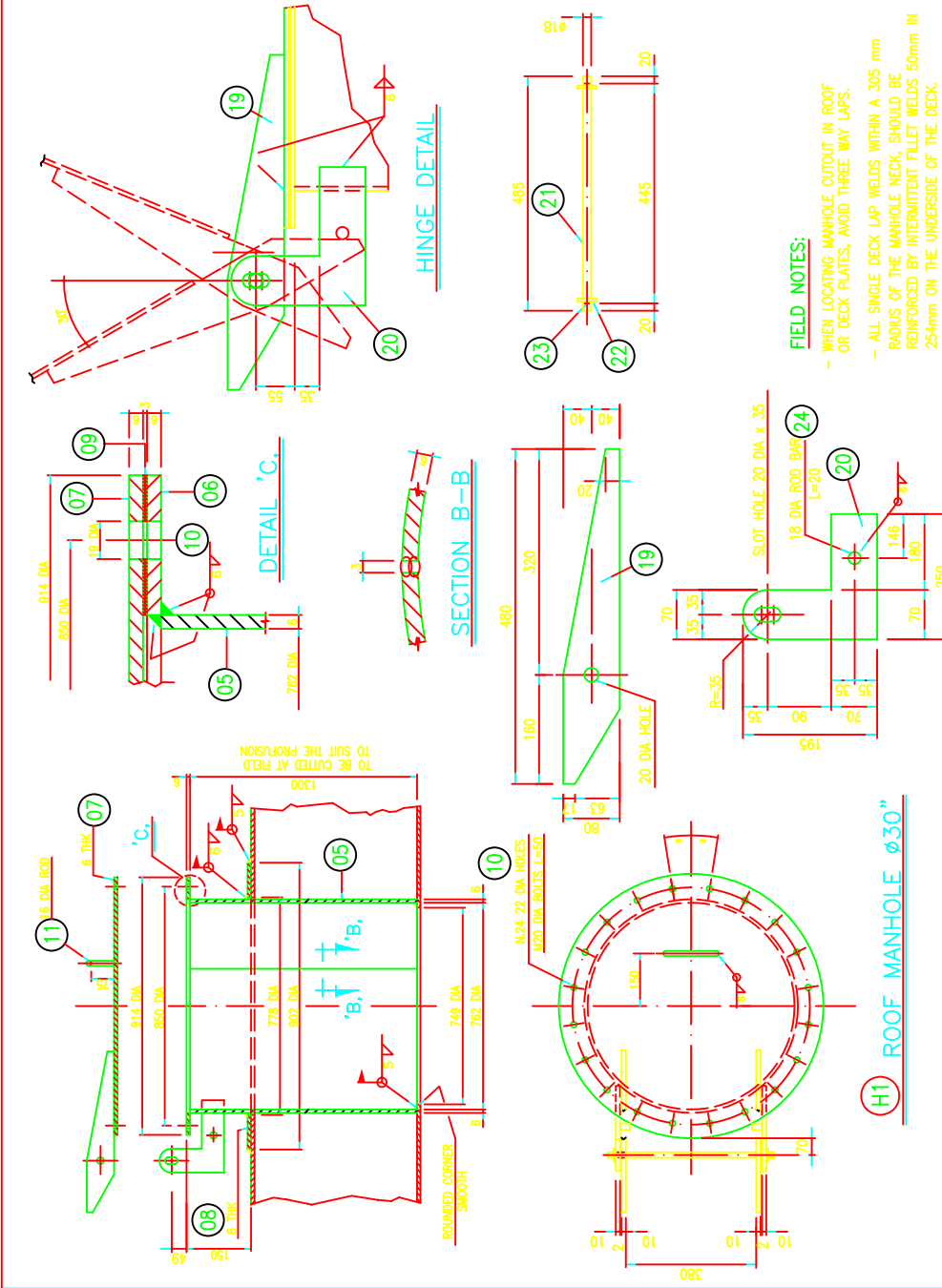
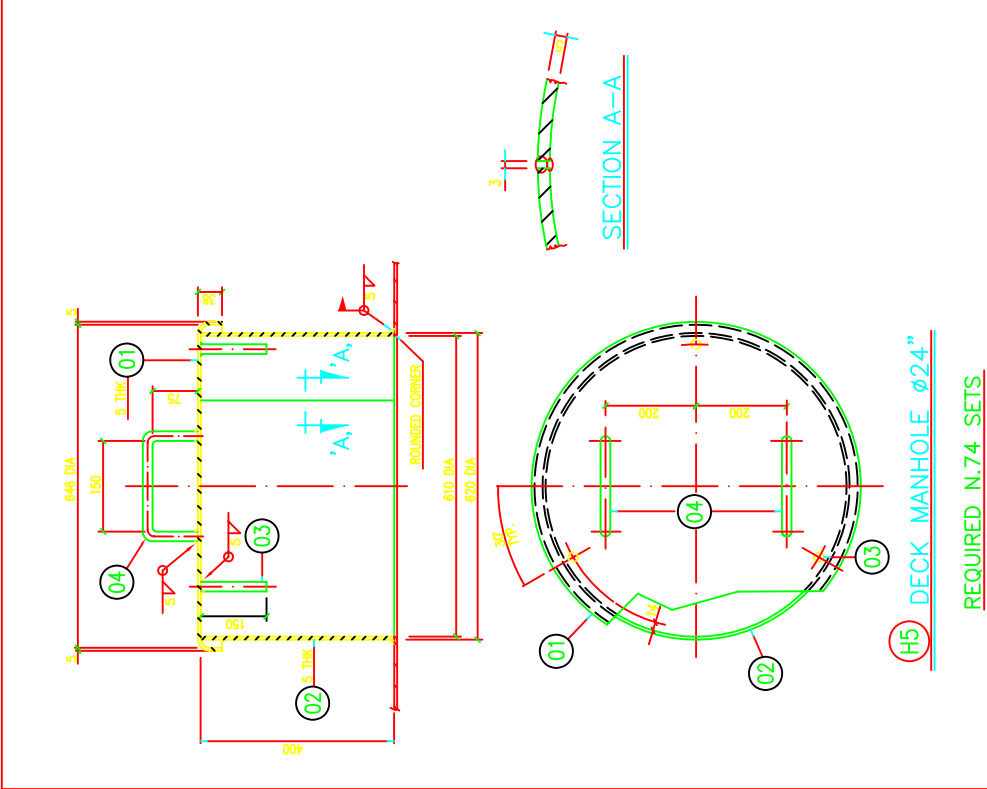
NOTES:

N.34 PIECES

LOCATED IN CORRESPONDANCE
OF FLEXIBLE ROOF DRAINS



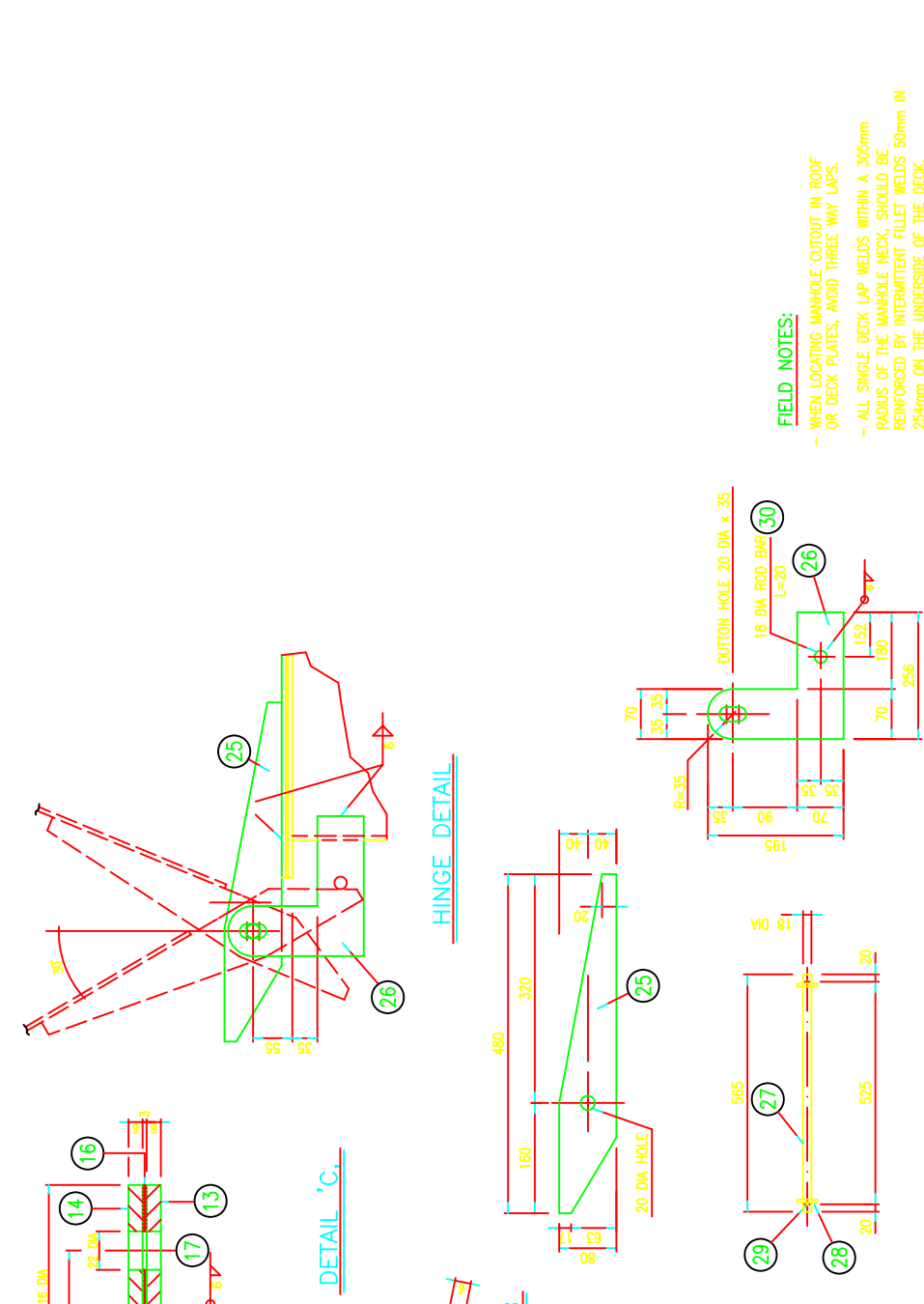
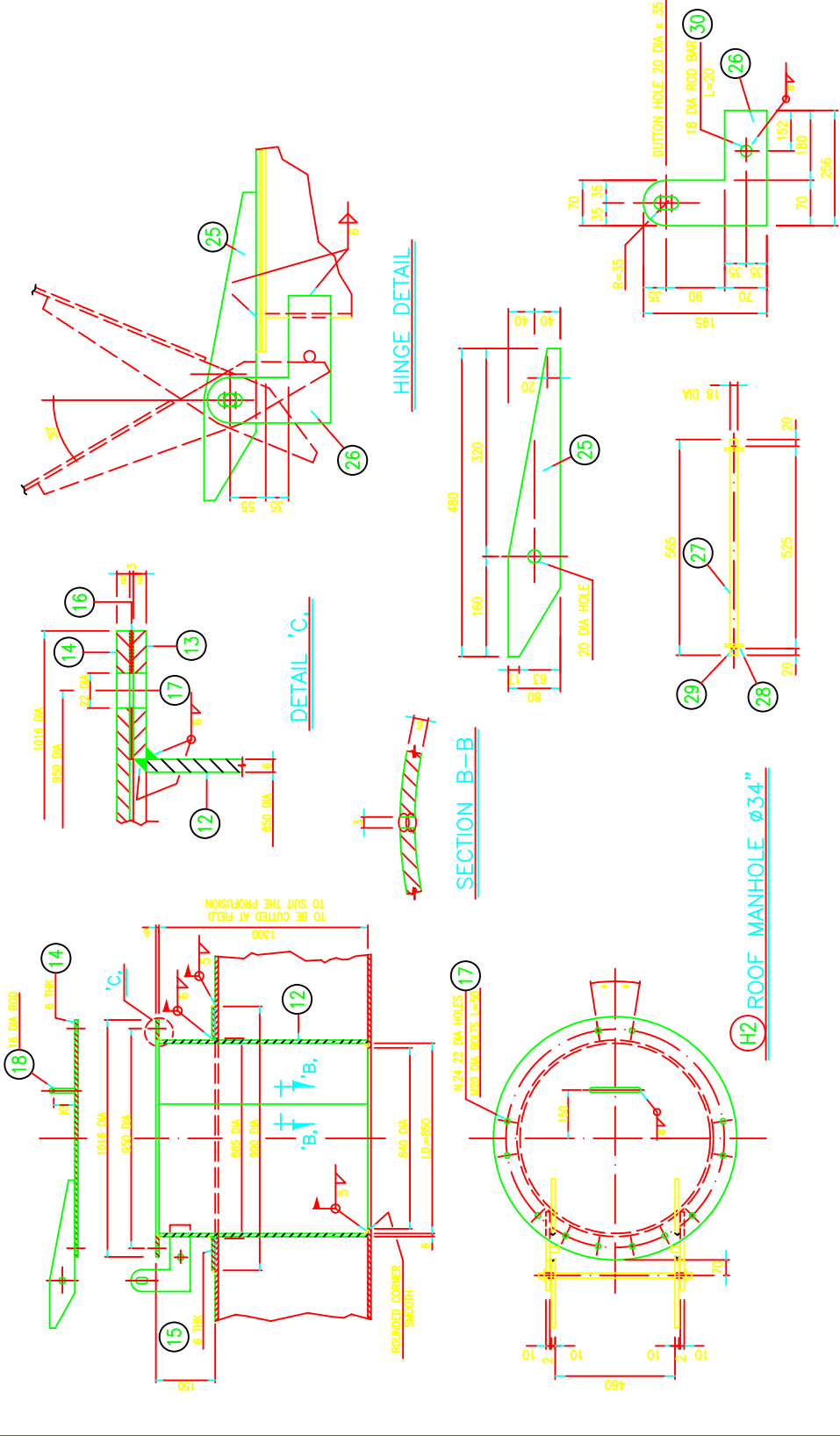
SUPPORTS LAYOUT

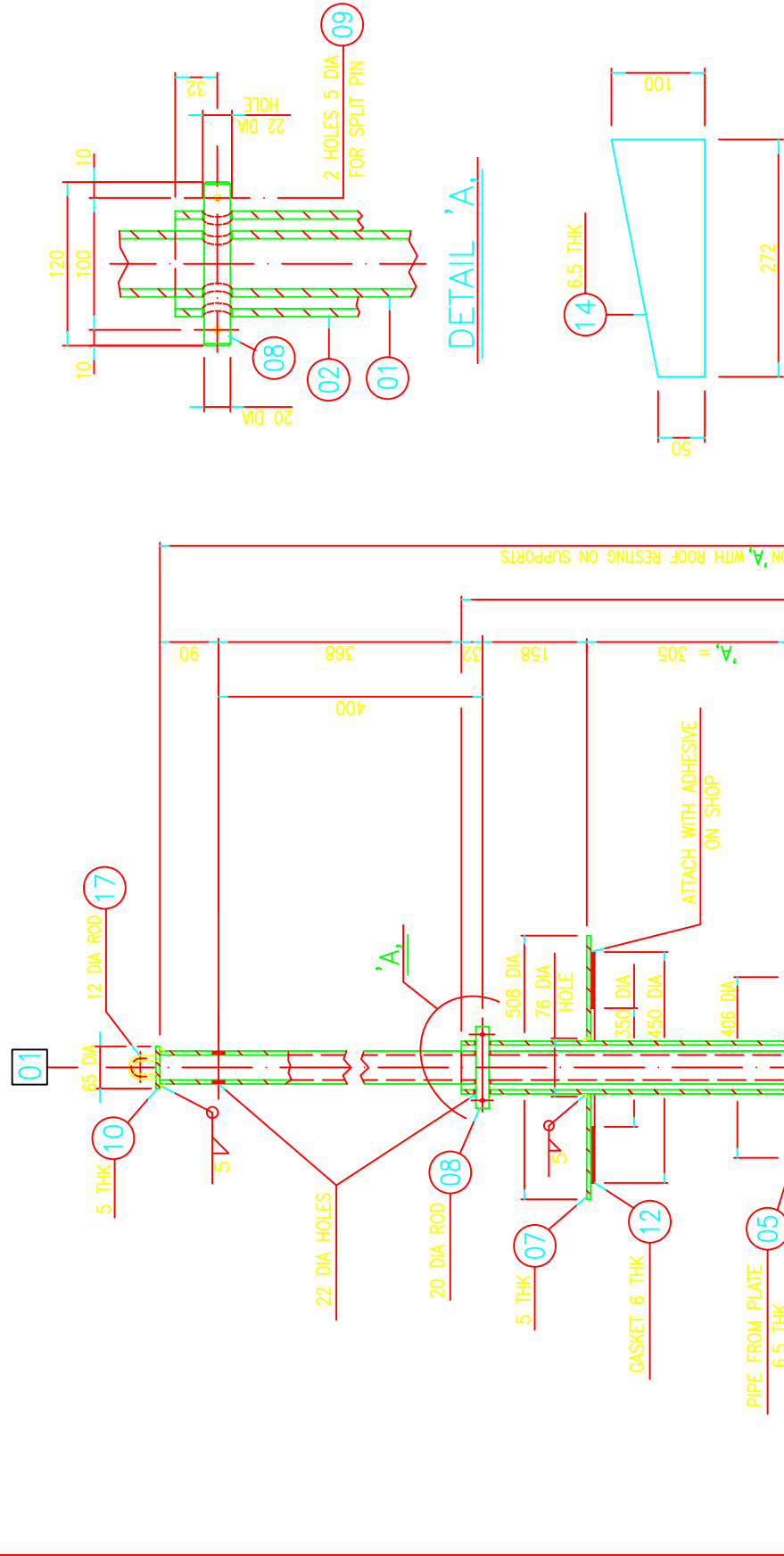


ITEM	QUANTITY	DESCRIPTION	MATERIAL	UNITARY WEIGHT	TOTAL WEIGHT	NOTE
01	74	SKETCH PLATE 5 THK	SEE DWG.	A 283 M GrC	16.8	1243.2
02	74	PLATE 5 THK	400x1832	A 283 M GrC	31.5	2331
03	222	16 DIA ROD	L= 150	S 235 JR	0.3	66.6
04	148	16 DIA ROD	DEV.=340~	S 235 JR	0.5	74
05	1	PLATE 6 THK	1300x2413	A 283 M GrC	151	151
06	1	PLATE 6 THK	O.D.914 / I.D.774	A 283 M GrC	5.2	5.2
07	1	PLATE 6 THK	914 DIA	A 283 M GrC	30.9	30.9
08	1	PLATE 6 THK	O.D.902 / I.D.778	A 283 M GrC	9.6	9.6
09	1+2	GASKET 3 THK	O.D.914 / I.D.762	COMPRESSED GLASS FIBER	/	/
10	24+3	BOLT M20 x 50	CL. 8.8	CL. 8.8	0.28	6.7
11	1	16 DIA ROD	DEV.=340~	S 235 JR	0.5	0.5
19	2	SKETCH PLATE 10 THK	UNI EN 10025	S 235 JR	2.1	4.2
20	2	SKETCH PLATE 10 THK	UNI EN 10025	S 235 JR	1	1
21	1	18 DIA ROD	L=485	UNI EN 10025	0.02	0.04
22	2	WASHER 4 THK	O.D.35 / I.D.19	UNI EN 10025	0.1	0.2
23	2	SPLIT PIN 4 DA	UNI EN 10025	S 235 JR	0.05	0.1
24	2	18 DIA ROD	L=20	UNI EN 10025	0.05	0.1
12	1	PLATE 6 THK	1300x2689	A 283 M GrC	168	168
13	1	PLATE 6 THK	O.D.1016 / I.D.862	A 283 M GrC	10	10
14	1	PLATE 6 THK	1016 DIA	A 283 M GrC	39	39
15	1	PLATE 6 THK	O.D.950 / I.D.865	A 283 M GrC	8.7	8.7
16	1+2	GASKET 3 THK	O.D.1016 / I.D.850	COMPRESSED GLASS FIBER	/	/
17	24+3	BOLT M20 x 50	CL. 8.8	CL. 8.8	0.3	8
18	1	16 DIA ROD	DEV.=340~	S 235 JR	0.5	0.5
25	2	SKETCH PLATE 10 THK	UNI EN 10025	S 235 JR	2	4
26	2	SKETCH PLATE 10 THK	UNI EN 10025	S 235 JR	2.1	4.2
27	1	18 DIA ROD	L=565	UNI EN 10025	1.2	1.2
28	2	WASHER 4 THK	O.D.35 / I.D.19	UNI EN 10025	0.02	0.04
29	2	SPLIT PIN 4 DA	UNI EN 10025	S 235 JR	0.1	0.2
30	2	18 DIA ROD	L=20	UNI EN 10025	0.05	0.1

TOTAL WEIGHT Kq. 4150

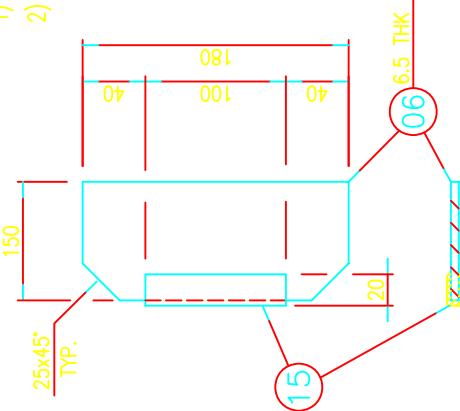
- FOR "GENERAL ASSEMBLY" SEE DWG. N. 2005-118-001
- IF NOT INDICATED (FIELD WELD), WELDINGS ARE CARRIED-OUT IN SHOP



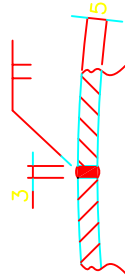


TOTAL WEIGHT Kg. 181

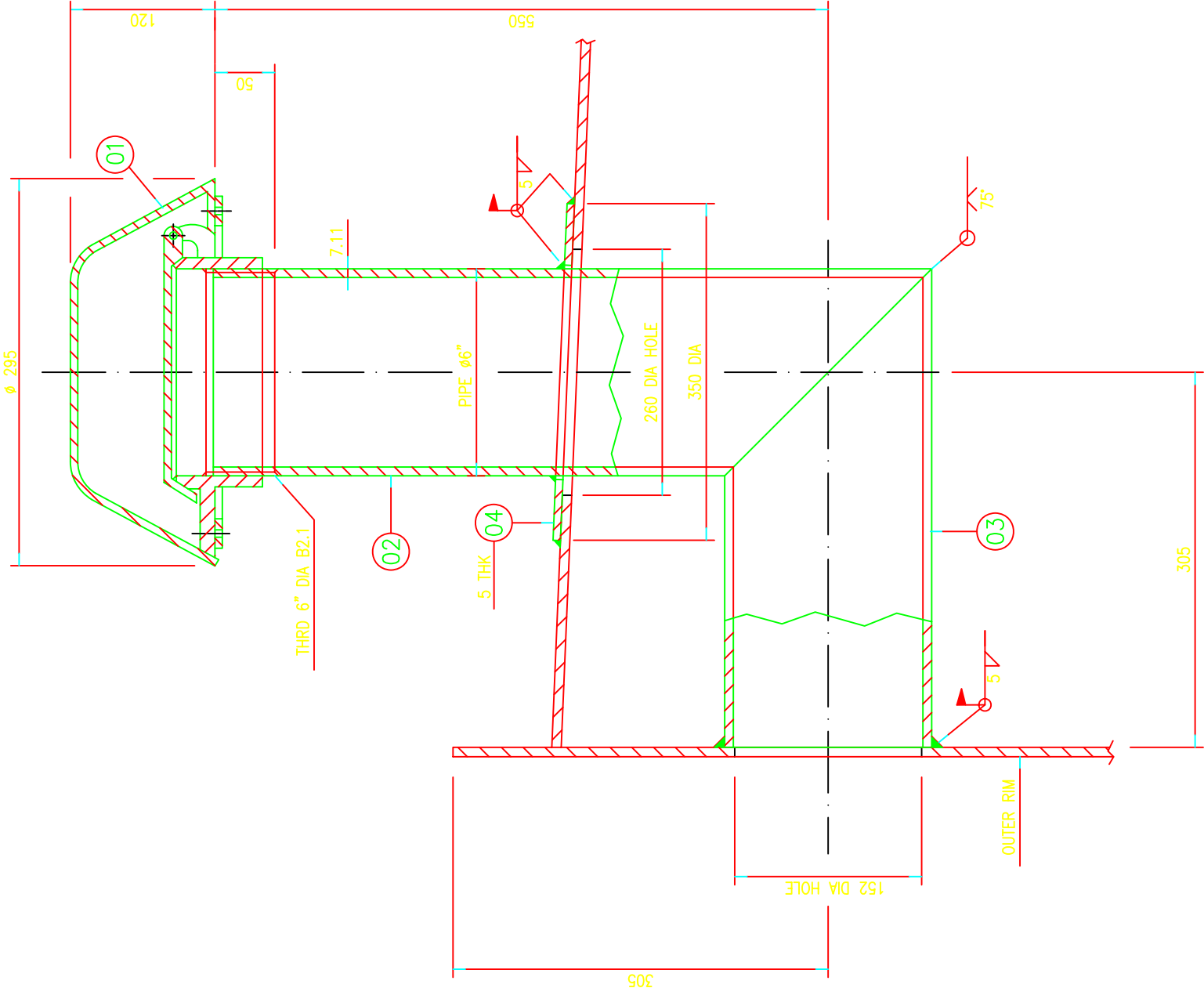
REQUIRED N.4 SETS



DETAIL POS. 0615



SECTION 'B-B'



ITEM	QUANTITY	DESCRIPTION		MATERIAL	UNITARY WEIGHT	TOTAL WEIGHT	NOTE
01	1	VENT VALVE	ø6" NPT	ALUMINIUM	5.5	5.5	TYP. UPI DWG. 49
02	1	6" DIA PIPE	7.11 THK L= 634	API 5L Gr.B	18	18	
03	1	6" DIA PIPE	7.11 THK L= 389	API 5L Gr.B	11	11	
04	1	PLATE 5 THK	O.D. 350/I.D. 171	A 283 M Gr.380	2	2	

TOTAL WEIGHT Kg. 37

REQUIRED N.2 SETS

NOTES :

- 1) ALL WELDS INDICATED WITH  ARE ON SITE WELDS.
- 2) FOR "GENERAL ASSEMBLY" SEE DWG. N. 2005-118-001